

## **WATER MAINTENANCE TECHNICIAN**

### **DISTINGUISHING FEATURES**

The fundamental reason the Water Maintenance Technician position exists is to perform a variety of skilled work in maintaining and repairing the City's water transmission, regulatory and related equipment in the Water Operations Division of the Water Resources Department. This classification is non-supervisory. Work is performed under general supervision by the Water Operations Supervisor.

### **ESSENTIAL FUNCTIONS**

Maintains pumps, piping, tanks, valves, switches, diesel and natural gas generators at City well sites, booster stations, reservoirs and sewer lift stations. Performs maintenance and control work on chlorination equipment, pump control valves, various pressure control valves; adjusts system to meet specific demands; replaces pump packing and mechanical seals; repairs hydrostatic drives for pumps; repairs and troubleshoots air compressors and vacuum pumps; maintains voltage and oil supply in the City's pumps and auxiliary equipment.

Installs and makes repairs on water lines, valves, sewage stations, and other components of pump stations.

Is committed to working as a team. Takes pride in work completed

Performs construction and fabrication at work sites.

Investigates complaints regarding loss of water pressure and quality of water and makes necessary adjustments; takes water samples and performs quality tests on water complaints; and responds to water related emergencies.

Adjusts telemetry system to meet water usage demands; makes program adjustment on main computer for telemetry system.

Attendance and punctuality are essential functions to this position.

### **MINIMUM QUALIFICATIONS**

#### **Knowledge, Skills, and Abilities**

##### Knowledge of:

Considerable knowledge of water system operations, methods, procedures, and principles, and of the related mechanical components is necessary.

##### Ability to:

Work rotating weekend shifts, holidays and a call-out schedule.

Maintain, repair, and diagnose any problem affecting the entire water system; perform mechanical repairs, service and repair pumps and motors.

Communicate effectively orally using the telephone and 2-way radio.

Establish and maintain effective working relationships with co-workers, supervisors and the general public.

Operate a variety of equipment and machinery requiring continuous or repetitive arm and hand movements.

Listen and communicate effectively with a diverse group of people.

Prioritize schedule and work tasks and complete work within specified time periods and deadlines.

Move and lift heavy objects (50 pounds or more) both short and long distances.

Walk up and down stairs, climb ladders and walk over rough terrain.

Work in adverse conditions, including extreme hot temperatures, cold temperatures, wind, rain and a high volume of noise.

Must possess a shared commitment to quality in everyday work and to continuous learning and improvement

### **Education & Experience**

Any combination of training, education and experience equivalent to 4 years experience in water pump operation and water delivery systems.

Must have a Water Distribution (Grade I) certification from ADEQ. Must have, or obtain within one year of hire, certification as Water Distribution Operator (Grade II) and certification as a Wastewater Collection Operator (Grade I).

Must possess and maintain during this position a valid Arizona Driver's License, with no major driving citations in the last 39 months for all driving positions.

### **Special Requirements:**

Individuals in this classification must possess a valid Arizona Commercial Driver's License (CDL) at the time of hire or promotion date. As a condition of continued employment, an individual of this classification must maintain a valid Arizona Commercial Driver's License (CDL) with appropriate endorsements. Individuals in this classification are subject to random, unannounced drug and alcohol testing to comply with the Department of Transportation (DOT) Federal Motor Carrier Safety Administration (FMCSA) regulations 49 Code of Federal Regulations (CFR) Part 382.

FLSA Status: Non-exempt

HR Ordinance Status: Classified